

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| Application Number | 10/044,539 |
|------------------------|------------------|
| Filing Date | January 11, 2002 |
| First Named Inventor | Cech, Thomas |
| Art Unit | 1646 |
| | |
| Examiner Name | |
| Attorney Docket Number | 015389-002630US |

| | | | Examin | er Name | | | |
|-------------------------------------|-----------------------------------------------|----------------------------|------------------------------|---------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------|--|
| Total Number of Pages in Submission | in This | | Attorne | y Docket Number | 015 | 389-002630US | |
| | | ENC | LOSURES | (Check all that apply | /) | | |
| Fee Transmittal Form | | Drawin | ıg(s) | | | After Allowance Communication to Group | |
| Fee Attached | · | | ing-related | i Papers | | Appeal Communication to Board of Appeals and Interferences | |
| Amendment/Reply | | Petitio | n | | | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) | |
| After Final | | Petitio | n to Conve | ert to a ication | | Proprietary Information | |
| Affidavits/decla | ration(s) | Appoi | | Associate Attorney | | Status Letter | |
| Extension of Time R | lequest | Termi | nal Disclai | mer | | Other Enclosure(s) (please identify below): | |
| Express Abandonmo | handanment Request | | est for Ref lumber of | | | eturn Postcard, copies of seventy (70) cited rerences | |
| | | | _ | | <u> </u> | The state of the Paracit | |
| Certified Copy of Prio | | Rem | arks | The Commissioner is Account 20-1430. | auth | orized to charge any additional fees to Deposit | |
| Response to Missin | ng Parts/ tion | | | • | | | |
| Response to Nunder 37 CFR | t 1.52 or 1.53 | | | | | | |
| | SIGI | NATURE | OF APPI | LICANT, ATTORNE | Y, OF | RAGENT | |
| Firm | Townsend and T | ownsend | and Cre | | | | |
| or Individual | Scott L. Ausenh | as | Α | Reg. | No. 4 | 12,271 | |
| Signature | Scot (| lue | <u>hull</u> | | | | |
| Date 10-06-03 | | | | | | | |
| | | CERTIF | ICATE C | F TRANSMISSION/ | MAIL | LING | |
| I hereby certify that this corr | respondence is being elope addressed to: (| facsimile tr Commission | ansmitted to er for Paten | the USPTO or deposited ts, P.O. Box 1450, Alexand | with th dria, V | ne United States Postal Service with sufficient postage A 22313-1450 on the date shown below. | |
| Typed or printed name | | | | | | | |

| Typed or printed name | Nicole M. Wartell | | |
|-----------------------|-------------------|------|----------|
| Signature | Jua Wartell | Date | 10/00/03 |

60049383 v1

ENT & TRACE States Postal Service as first class mail in an envelope addressed to:

Attorney Docket No.: 015389-002630US Client Ref. No.: 018/212C

Assistant Commissioner for Patents Washington, D.C. 20231

on_10/06/03

TOWNSEND and TOWNSEND and CREW LLP

By: Gelles Wickerschaft

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit:

In re application of:

Thomas R. Cech et al.

Application No.: 10/044,539

Filed: January 11, 2002

For: HUMAN TELOMERASE

CATALYTIC SUBUNIT: DIAGNOSTIC AND

THERAPEUTIC METHODS

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Under 37 CFR §1.34(b), applicant's undersigned principal attorney of record appoints the Practitioners at Customer Number 20350 as Associate Attorneys of Record to prosecute the case identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Respectfully submitted,

APPOINTMENT OF ASSOCIATE ATTORNEY UNDER 37 CFR (b)

> Joe Liebeschuetz Reg. No. 37,505

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834 Tel: (415) 576-0200

Fax: (415) 576-0300 JOL:mcl DE 7068452 v1

hereby certify that this correspondence is being deposited with the United Spates Postal Service as first class mail in an envelope addressed to:

Attorney Docket No.: 015389-002630US Client Reference No.: 018/212C

mmissioner for Patents

O. Box 1450

Alexandria, VA 22313-1450

on 10/06/2003

TOWNSEND and TOWNSEND and CREW LLP

Nicole M Wartell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas R. Cech et al.

Application No.: 10/044,539

Filed: January 11, 2002

For: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS Examiner:

Art Unit: 1646

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37

CFR §1.97 and §1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

Thomas R. Cech et al.

Application No.: 10/044,539

Page 2

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted

Scott L. Ausenhus Reg. No. 42,271

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834

Tel: 303-571-4000 Fax: 303-571-4321

SLA:nmb 60037325 v1 OT D 8 2003

stitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 5

| | Complete if Known | |
|------------------------|-------------------|--|
| Application Number | 10/044,539 | |
| Filing Date | January 11, 2002 | |
| First Named Inventor | Cech, Thomas | |
| Art Unit | 1646 | |
| Examiner Name | | |
| Attorney Docket Number | 015389-002630US | |
| | | |

| | U.S. PATENT DOCUMENTS+ | | | | | | |
|-----------------------|------------------------|-----------------------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|--|--|
| Examiner Initials* | Cite No.1 | Document Number Number Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | | |
| | A1 | US-5,597,697 | 01-28-1997 | Diamond | | | |
| | A2 | US-5,917,025 | 06-29-1999 | Collins | | | |
| | A3 | US-6,166,178 | 12-26-2000 | Cech et al. | | | |
| | A4 | US-6,309,867 | 10-30-2001 | Cech et al. | | | |
| | A5 | US-6,337,200 | 01-08-2002 | Morin | | | |
| | A6 | US-6,475,789 B1 | 11-05-2002 | Cech et al. | | | |
| | A7 | US-6,475,769 B1 | 08-26-2003 | Cech et al. | | | |
| | A8 | US-6,617,110 B1 | 09-09-2003 | Cech et al. | | | |

| | | | F | OREIGN PA | TENT DOCUME | NTS | Pages, Columns, Lines, | · · |
|-----------------------|--------------|---------------------------|-------------------|-----------|--------------------------------|-------------------------------------------------------|----------------------------------------------------|----------------|
| Examiner Initials* | Cite No.1 | | eign Patent Docum | ent | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Where Relevant Passages or Relevant Figures Appear | Τ ⁶ |
| | B1 | Country Code ³ | 2 317 891 | A | 04-08-1998 | | | ├믐 |
| | B2 | PCT | WO 93/2357 | 2 A1 | 11-25-1993 | | | ┼∺ |
| | B3 | PCT | WO 94/1721 | | 08-04-1994 | • | | ╁ |
| | B4 | PCT | WO 98/1459 | | 04-09-1998 | | ļ | ╁岩 |
| | B5 | PCT | WO 98/1459 | | 04-09-1998 | | | +는 |
| | B6 | PCT | WO 98/2375 | 9 A2 | 06-04-1998 | | ļ | 1 = |
| | B7 | PCT | WO 99/3399 | | 07-08-1999 | | ļ | ╁╘ |
| | B8 | PCT | WO 99/3896 | 64 A2 | 08-05-1999 | | | ╀╌┾ |
| | B9 | PCT | WO 00/4635 | | 08-10-2000 | | | 1 - |

| Examiner Signature | Date Considered | |
|-----------------------|--------------------|--|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional).
2 Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04.
3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).
4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.
5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.
6 Applicant is to place a check mark here if English language Translation is attached.
60037325 v1

OCT 0 8 2003 Substitute TAAD BARNET FO

Substitute for form 1449B/PTO

MFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 5

| Complete if Known | | | | | | |
|------------------------|------------------|--|--|--|--|--|
| Application Number | 10/044,539 | | | | | |
| Filing Date | January 11, 2002 | | | | | |
| First Named Inventor | Cech, Thomas | | | | | |
| Art Unit | 1646 | | | | | |
| Examiner Name | | | | | | |
| Attorney Docket Number | 015389-002630US | | | | | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Examiner Initials * | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |
| / | C1 | ADAMSON, D. et al. "Significant Telomere Shortening in Childhood Leukemia", Cancer Genet. Cytogenet, 1992; pp. 204-206, Vol. 61 | |
| | C2 | AUTEXIER, CHANTAL, et al., "Telomerase and cancer: revisiting the telomere hypothesis; Trends in Biochemical Sciences, 1996, pp. 387-391, Vol. 10, No. 21. | |
| | C3 | AVILION, A., "Characterization and expression of human telomerase," Dissertation Abstracts International", 1996, pp. 5930-B, Vol. 56, No. 11 | |
| | C4 | BARINGA, MARCIA, "The Telomerase Picture Fills In", Science, April 25, 1997; pp. 528-529, Vol. 276 | |
| | C5 | CHIU, et al. "Replicative senescence and cell immortality: the role of telomeres and telomerase (44075)", <i>Proc. Soc. Exp. Bio. Med.</i> , 1997, pp. 99-106, Vol. 214. | |
| | C6 | CHONG, L. et al. "A Human Telomeric Protein", Science, Dec. 1995, pp. 1663-1667, Vol. 270. | |
| | C7 | COLLINS, KATHLEEN, "Structure and function of telomerase", Current Opinion in Cell Biology, 1996, pp. 374-380, Vol. 8 | |
| | C8 | COUNTER, C. et al. "Telomerase Activity in Normal Leukocytes and in Hematologic Malignancies" <i>Blood</i> ; May 1, 1995; pp. 2315-2320, Vol. 85, No. 9. | |
| | C9 | COUNTER, C. et al. "Telomere shortening associated with chromosome instability is arrested in immortal cells which express telomerase activity", <i>The EMBO Journal</i> ; 1992, pp. 1921-1929, Vol. 11; No. 5, Oxford University Press. | |
| 6 | C10 | DE LANGE, T. et al. "Structure and Variability of Human Chromosome Ends"; <i>Molecular and Cellular Biology</i> ; February 1990; pp. 518-527, Vol. 10, No. 2. | |
| | C11 | FLAVELL, R. & MATHIAS, R. "Prospects for transforming monocot crop plants", <i>Nature</i> , 12 Jan. 1984, pp. 108-109, Vol. 307. | |
| | C12 | FRESHNEY, <u>Culture of Animal Cells</u> , A Manual Basic Technique, p. 4, Alan R. Liss, Inc. New York, 1983. | |
| (| C13 | Genbank Accession No. A46242; September 21, 1993 | - |
| | C14 | Genbank Accession No. L38903; January 30, 1995 | |
| | C15 | Genbank Accession No. Q06163; November 01, 1995 | |
| | C16 | Genbank Accession No. S39696; October 07, 1994 | [|

| Examiner | Date | |
|-----------|------------|--|
| | Considered | |
| Signature | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

OCT 0 8 2003 Substitute for form 1449B/PTO

FORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

| | (use as | many sne | e15 a5 | Hecess | |
|-------|---------|----------|--------|--------|--|
| Sheet | 13 | | of | 5 | |

| Complete if Known | | | | | |
|------------------------|------------------|--|--|--|--|
| Application Number | 10/044,539 | | | | |
| Filing Date | January 11, 2002 | | | | |
| First Named Inventor | Cech, Thomas | | | | |
| Art Unit | 1646 | | | | |
| Examiner Name | | | | | |
| Attorney Docket Number | 015389-002630US | | | | |

| xaminer | Cite | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| nitials * | No. ¹ | No. 052206; May 5, 1995 | | |
| | C18 | GenBank Accession No. U95964; May 5, 1997 | | |
| | C19 | GenBank Accession No. W70315; June 19, 1996 | | |
| | C20 | GLASER, P. et al. "Bacillus subtilis genome project: cloning and sequencing of the 97 kb region from 325° to 333°" <i>Molecular Microbiology</i> , 1993, pp. 371-384, Vol. 10, No. 2. | | |
| | C21 | GOODMAN, R. et al. "Gene Transfer in Crop Improvement", Science, 3 April 1997, pp. 48-54, Vol. 236. | | |
| | C22 | GREIDER, C. "Telomeres, Telomerase and Senescence"; <i>BioEssays</i> ; 1990; pp. 363-369, Vol. 12, No. 8. | | |
| | C23 | HARLEY, C. "Telomere loss: Mitotic clock or genetic time bomb?" <i>Mutation Research</i> ; 1991; pp. 271-282, Vol. 256, Elsevier Science Publishers. | | |
| | HARLEY, C. & VILLEPONTEAU, B. "Telomeres and telomerase in aging and cancer" Current Opinio | | | |
| | C25 | HARLEY, C. et al. "Telomeres shorten during ageing of human fibroblasts", <i>Nature</i> , 31 May 1990; pp. 458-460, Vol. 345. | | |
| | C26 | HASTIE, N. et al. "Telomere reduction in human colorectal carcinoma and with ageing", <i>Nature</i> , 30 August 1990, pp. 866-868, Vol. 346. | | |
| | C27 | HEALY, K. C. "Telomere dynamics and telomerase activation in tumor progression: prospects for prognosis and therapy" <i>Oncol. Res.</i> , 1995, pp. 121-130, Vol. 7 | | |
| | C28 | HENDERSON, C. Cancer genetics gene regulates telomerase resulting in death of cancer cells; <i>Gene Therapy Weekly</i> ; 11 September 1995. | | |
| | C29 | HIYAMA, E. et. al. "Correlating telomerase activity levels with human neuroblastoma outcomes"; Nature Medicine; 3 March 1995; pp. 249-255, Vol. 1, No. 3. | | |
| | C30 | HOLTZMANN, K. et al. "Telomeric Associations and Loss of Telomeric DNA Repeats in Renal Tumors", <i>Genes, Chromosomes & Cancer</i> , 1993, pp. 178-181, Vol. 6. | | |
| | C31 | JÄHNE, A. et al. "Genetic Engineering of Cereal Crop Plants: A Review", Euphytica, 1995, pp. 35-44, Vol. 85. Kluwer Academic Publishers, Netherlands. | | |
| | C32 | JOLLIFFE, L.K. "Humanized antibodies: enhancing therapeutic utility through antibody engineering", Int. Rev. Immunol., 1993, pp. 241-250, Vol. 10 | | |
| | C33 KIM, N. et al. "Specific Association of Human Telomerase Activity with Immortal Cells and Cancer", Science, 23 December 1994, pp. 2011-2014, Vol. 266. | | | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. Signature

OT D 8 2003

stitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4 of 5

| Complete if Known | | |
|------------------------|------------------|--|
| Application Number | 10/044,539 | |
| Filing Date | January 11, 2002 | |
| First Named Inventor | Cech, Thomas | |
| Art Unit | 1646 | |
| Examiner Name | | |
| Attorney Docket Number | 015389-002630US | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|---------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Examiner Initials * | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T 2 |
| | C34 | KLINGELHUTZ, A. et al. "Restoration of Telomeres in Human Papillomavirus- Immortalized Human Anogenital Epithelial Cells"; <i>Molecular and Cellular Biology</i> ; Feb. 1994, pp. 961-969, Vol. 14, No. 2. | |
| | C35 | LEWIS, A. & CROWE, J.S. "Generation of humanized monoclonal antibodies by 'best fit' framework selection and recombinant polymerase chain reaction", <i>Year Immunol.</i> , 1993, pp. 110-118, Vol. 7 | |
| 1 | C36 | Linking telomerase and tumors; Genesis Report- Dx; 1995; Vol. 4, No. 6; Publisher Genesis Group Associates. | |
| | C37 | LUNDBLAD, V. & BLACKBURN, E., Letter to the Editor entitled, "RNA-Dependent Polymerase Motifs in EST1: Tentative Identification of a Protein Component of an Essential Yeast Telomerase", Cell, 23 Feb. 1990, pp. 529-530, Vol. 60. | |
| | C38 | LUSTIG, ARTHUR J., "The identification of telomerase subunits: catalysing telomere research", Trends in Cell Biology; August 1997, pp. 299-302, Vol. 7. | |
| | C39 | MALICKI, J. et al. "A human <i>HOX4B</i> regulatory element provides head-specific expression in <i>Drosophila</i> embryos", Nature, 23 July 1992, pp. 345-357, Vol. 358. | |
| · · | C40 | NAKAYAMA, J. et al. "Cloning of a Candidate cDNA Encoding a Proteinaceous Component of Mammalian Telomerase", <i>Molecular Biology Cell Abstracts Supp.</i> 7, 1996, p. 875-884, 286a Section 1664. | |
| | C41 | NATARAJAN et al. "Major histocompatibility complex determinants select T-cell receptor alpha chain variable region dominance in a peptide-specific response." <i>Proc. Natl. Acad. Sci.</i> , Oct 1992, pp. 8874-8878, Vol. 19. | |
| | C42 | PASZKOWSKI, JERZY et al. "Direct gene transfer to plants," The EMBO Journal, 1984, pp. 2717-2722, Vol. 3, No. 12. | |
| | C43 | POTRYKUS, I. et al. "Direct gene transfer to cells of a graminaceous monocot", <i>Mol. Gen. Genet.</i> , 1985, pp. 183-188, Vol. 199. | |
| | C44 | RAYMOND, E., et al.; Agents that target telomerase and telomeres; Curr. Opin. Biotechnol.; 1996; 7:583-91 | |
| | C45 | RHYU, M.S. "Telomeres, telomerase, and immortality"; J. Natl. Cancer Inst.; 21 June 1995; pp. 884-894, Vol. 87, No. 12. | |
| ·/ | C46 | SCHENA et al. "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes", <i>Proc. Natl. Acad. Sci.</i> , Oct. 1996, pp. 10614-10619, Vol. 93, USA. | |
| | C47 | SCHWARTZ, H. et al. "Telomere Reduction in Giant Cell Tumor of Bone and with Aging"; Cancer Genet Cytogenet; 1993; pp. 132-138, Vol. 71, Elsevier Science Publishing Co., Inc., New York, U.S.A. | |
| | C48 | SINGER, M. "Unusual Reverse Transcriptases", Journal of Biological Chemistry; 1995, pp. 24623-23626, Vol. 270, No. 42 | |

| Everiner | Date | |
|-----------|------------|--|
| Examiner | Considered | |
| Signature | Considered | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Suls tute for form 1449B/PTO

MFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 5 Sheet

| | Complete if Known | |
|------------------------|-------------------|--|
| Application Number | 10/044,539 | |
| Filing Date | January 11, 2002 | |
| First Named Inventor | Cech, Thomas | |
| Art Unit | 1646 | |
| Examiner Name | | |
| Attorney Docket Number | 015389-002630US | |

| | | NON PATENT LITERATURE DOCUMENTS | |
|------------------------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Examiner Initials * | Cite No.1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T 2 |
| / | C49 | SMITH, J. & YEH, G. "Telomere Reduction in Endometrial Adenocarcinoma"; Am. J. Obstet. Gynecol.; Dec. 1992; pp. 1883-1887, Vol. 167, No. 6 | |
| | C50 | TAIT, J. et al. "Structure and Polymorphisms of the Human Annexin III (ANX3) Gene", Genomics, 1993, pp. 79-86, Vol. 18, No. 1 | |
| | C51 | WINTER, G. & HARRIS, W. "Humanized Antibodies", <i>Trends Pharmacol. Sci.</i> , May 1993, pp. 139-143, Vol. 14. | |
| | C52 | WIRTH, URS et al; "Immediate-Early RNA 2.9 and Early RNA 2.6 of Bovine Herpesvirus 1 Are 3' Coterminal and Encode of Putative Zinc Finger Transactivator Protein"; <i>Journal of Virology</i> ; May 1992; pp. 2763-2772, Vol. 66, No. 5. | |
| | C53 | ZAUG, ARTHUR et al., "Method for determining RNA 3' ends and application to human telomerase RNA", <i>Nucleic Acids Research</i> , 1996, pp. 532-533, Vol. 24, No. 3. | |

| Examiner Signature | Date Considered |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | The state of the s |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.